



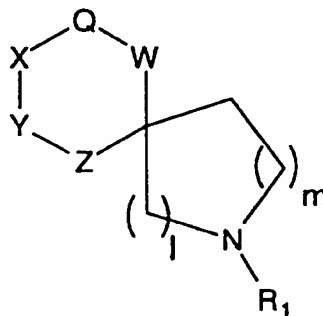
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁵ : C07D 471/10, 495/10, A61K 31/435, C07D 491/10, 513/10, A61K 31/54, C07D 487/10, A61K 31/40, 31/425, C07D 471/20, 513/20, 491/20, 495/20 // (C07D 471/10, 221:00, 209:00) (C07D 471/10, 221:00, 221:00) (C07D 495/10, 333:00, 221:00) (C07D 491/10, 307:00, 221:00)</p>	A1	<p>(11) International Publication Number: WO 94/29309</p> <p>(43) International Publication Date: 22 December 1994 (22.12.94)</p>
<p>(21) International Application Number: PCT/US94/05545</p> <p>(22) International Filing Date: 17 May 1994 (17.05.94)</p> <p>(30) Priority Data: 072,904 7 June 1993 (07.06.93) US</p> <p>(60) Parent Application or Grant (63) Related by Continuation US 072,904 (CIP) Filed on 7 June 1993 (07.06.93)</p> <p>(71) Applicant (for all designated States except US): MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): MacCOSS, Malcolm [GB/US]; 48 Rose Court, Freehold, NJ 07728 (US). MILLS, Sander, G. [US/US]; 13A Woodbridge Terrace, Wood-</p>		<p>bridge, NJ 07095 (US). SHAH, Shrenik, K. [IN/US]; 25 Denise Court, Metuchen, NJ 08840 (US). CHIANG, Yuan-Ching, P. [US/US]; 17 Burnham Court, Scotch Plains, NJ 07076 (US). DUNN, Patrick, T. [US/US]; 614 Sharon Gardens, Woodbridge, NJ 07095 (US). KOYAMA, Hiroo [JP/US]; Apartment 14C, 800 Forest Avenue, Westfield, NJ 07090 (US). FINKE, Paul, E. [US/US]; 34 Inwood Drive, Milltown, NJ 08850 (US). QI, Hongbo [CN/US]; 3 Watson Court West, Edison, NJ 08820 (US). ROBICHAUD, Albert, J. [US/US]; 223 High Street, Stirling, NJ 07980 (US).</p> <p>(74) Common Representative: MERCK & CO., INC.; Patent Department, 126 East Lincoln Avenue, Rahway, NJ 07065 (US).</p> <p>(81) Designated States: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TT, UA, US, UZ, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>

(54) Title: SPIRO-SUBSTITUTED AZACYCLES AS NEUROKININ ANTAGONISTS

(57) Abstract

Disclosed are spiro-substituted azacycles of formula (I), tachykinin receptor antagonists useful in the treatment of inflammatory diseases, pain or migraine, and asthma. In particular compounds of formula (I) are shown to be neurokinin antagonists.



(I)